Journal of Thermal Analysis, Vol. 42 (1994) 1333-1335

Author Index

ABD EL-WAHAB, M. M. M., 1265
ABDEL-ATI, M. I., 1113
ABDEL FATTAH, H. M., 1175
ABDILLAHI, M. M., 1275
ÁCS, M., 877
ADIN, A., 67
ADONYI, Z., 491
AFZAL, M., 1137
AGGOUR, Y. A., 1185
AHMAD, H., 1137
AIROLDI, G., 781
AIT-KACI, A., 963
AIZENSHTAT, Y., 31
AIZENSHTAT, Z., 241
AKAMA, Y., 951
AL QASMI, R., 1313
ALY, I. M., 1231
ARIAS, M. J., 143
ARNOLD, M., 1007
ATTYIA, K. M. A., 1155
ATTYIA, K. M. E. , 1207
AVILES, M. A., 41
AWAD, A. H., 1123
AZARENKOV, V. P., 437

BAIBAK, A. V., 437
BALBI, N., 461
BANKS, R., 811
BAR-ON, P., 207
BARK, L. S., 595
BARNES, P. A., 841
BARONE, G., 383
BEN HASSEN-CHEHIMI, D., 913
BERCHIESI, G., 907
BIJEN, J. M. J. M., 41
BILLON, N., 679
BISHOP, C., 697
BOLLER, A., 307
BOWEN, C. R., 713
BOWMER, C., 595
BRZYSKA, W., 981

CANTOR, B., 647, 667
CASTANET, R., 361
CATANZANO, F., 383
CAVALLARO, G., 869
CHANG, I. T. H., 667
CHAO, W. T., 745
CHEN XUELIN, 505
CHU SHIJIN, 505
COONEY, J. D., 397
CRIADO, J. M., 551

DAHMANI, O., 963
DAY, M., 397
DEL VECCHIO, P., 383
DEPPERMANN, K. L., 895
DERBY, B., 713
DEUTSCH, Y., 159
DIEF ALLAH, E. M., 1103
DOMBALOV, IV., 485
DORENDRAJIT SINGH, S., 1001
DÖRING, M., 443
DRAKSHAYANI, D. N., 937

EHRHARDT, B., 925
EL-FOULY, M. H., 1285
EL-SAID, KH. S., 1143
EPPLE, M., 559
EZZ-ELDIN, F. M., 1221

FARHAT, F., 907
FARID, T., 1103
FERRARA, J. A., 467
FESSAS, D., 383
FÉRID, M., 913
FILLON, B., 721
FOGASSY, F., 877

0368–4466/94/ $ 4.00
© 1994 Akadémiai Kiadó, Budapest

John Wiley & Sons, Limited
Chichester

FOUAD, N. E., 1207
FOX, J. L., 397
FRENKEL, M., 31

GAÁL, F., 1007
GAFT, M., 187
GAL, M., 113
GALÁN, E., 131
GARTIA, R. K., 1001
GÁL, S., 425, 539
GHARAMI, M. S., 1275
GHOLINIA, A., 733
GIAMMONA, G., 869
GIANCOLA, C., 383
GINÉS, J. M., 143
GOLDSTEIN, T. P., 241
GÖRLS, H., 443
GRAZIANO, G., 383
GRILLET, Y., 855
GROTE, W. A., 895
GUTKIN, A., 67

HAFEZ, M. A. H., 1143
HALL, D. A., 823
HAMED, A. E., 1241
HAMZA, S. M., 1231
HAUDIN, J. M., 679
HAYES, F. H., 745
HEMEDA, D. M., 1113
HEMEDA, O. M., 1113
HENDRY, A., 697
HILL, J. O. 607
HODÚR, O., 973
HU RONGZU, 505
HUSSEIN, G. A. M., 1091, 1155

IBRAHIM, M. M., 1193
IKAN, R., 31
IOSELIS, P., 31
ISHII, K., 667
ISSA, Y. M., 1175

JASIM, F., 1075
JEKENDRA SINGH, T., 1001
JHA, A., 759
JIN, Y., 307
JORDAN, W. G., 759
JUSTO, A., 41

KAISER, G., 919
KAJITANI, M., 951
KARASINSKI, S., 981
KASSEM, M. E., 1241
KBIR-ARIGUIB, N., 913
KENAWY, I. M. M., 1143
KERSHAW, L., 595
KHOUMERI, B., 461
KLINKE, W., 85
KOLEVA, V., 1017
KOTKATA, M. F., 1285
KOZMA, D., 877

LA MANNA, G., 869
LACHER, M., 13
LAHAV, N., 13, 67
LANGFELDEROVÁ, H., 973
LAPIDES, I. L., 197
LEITNER, G., 919
LESKELÄ, T., 343
LI NAN, 505
LIN, I. J., 207
LIPTAY, G., 485
LLEWELLYN, P. L., 855
LOTZ, B., 721
LUDWIG, W., 443

MADARÁSZ, J., 539, 877
MAHMOOD, F., 1137, 1167
MAHMOUD, S. A., 1241
MALLYA, R. M., 937
MANEVA, M., 1007
MANSOUR, S. A. A., 1251
MARGOMENOU-LEONIDOPOULOU, G., 1041
MARTIN, J. L., 1025
MASTOV, E., 67
MAZUMDAR, P. S., 1001
MELAMUD, M., 207
MENG, J., 957
MENJERITZKI, T., 67
MENZ, D.-H., 925
MERABET, E. K., 895
MÉSZÁROS-SZÉCHENYI, K., 425
MINGELGRIN, U., 113
MOHAMED, M. A., 1081
MORENO, W. A., 595
MOSAAD, M. M., 1113
MOUSA, M. A., 1103

NADIV, S., 207
NATHAN, Y., 159
NIINISTÖ, L., 343
NOHMAN, A. K. H., 1155

OMRAN, Z. A., 1103
OPENSHAW, J. D., 595
ORTEGA, A., 551
OVADYAHU, D., 67

PARKES, G. M., 841
PAULIK, F., 425, 1007
PELLENQ, N., 855
PELOVSKI, YO., 485
PEREZ-RODRIGUEZ, J. L., 41
PETERS, K. E., 31
PETKOVA, M., 485
PÉREZ-MAQUEDA, L. A., 551
PÉREZ-RODRÍGUEZ, J. L., 41, 131
PITARRESI, G., 869
PODSIADLO, H., 991
POKOL, G., 343, 539, 877
PRIVALKO, V. P., 437

QADEER, R., 1167
QIN JIAO, 505

RABASCO, A. M., 143
RAMIZ, M. M. M., 1231
REN, Y. F., 957
RICHARDSON, R. T., 771
RIVA, G., 781
RIVOLTA, B., 781
ROBINSON, J. A. J., 745
ROUQUEROL, F., 855
ROUQUEROL, J., 855
RUBINSTEIN, L., 67
RUBINSZTAIN, Y., 31
RUDENKOVA, I., 187

SAID, A. A., 1265, 1313
SALE, F. R., 733, 793, 823
SALEEM, M., 1137
SALLA, J. M., 1025
SÁNCHEZ-SOTO, P. J., 41, 143
SARIG, S., 159
SEFERIS, J. C., 467
SESTÁK, J., 521
SHARGI, S. N., 1123
SHEPPARD, C. H., 467
SHERIDAN 841
SHIHADA A.-F., 1313
SHOKR, E. KH., 1193
SHOVAL, S., 175
SIDDIQUI, M. A. B., 1275
SMYKATZ-KLOSS, W., 85
SOLIMAN, A. A., 1175
SPIRO, B., 219
STEFAN S. L., 1299
STEPKOWSKA, E. T., 41
STOCH, L., 99
SUGA, H., 331
SZÖLLÖSY, I., 1007

THIERRY, A., 721
THORLEY, M., 811
TRABELSI-AYEDI, M., 913
TROPP, D., 67
TSVETKOV, F., 113
TURCO LIVERI, V., 869

VANELLI, M., 781
VITALI, G., 907

WACLAWSKA, I., 99
WAHAB, L. A., 1285
WAKKAD, M. M., 1193
WANG, H.-W., 823
WITTMANN, J. C., 721
WUNDERLICH, B., 307

YAN ZHE, 505
YARIV, S., 13, 67
YUEN, H. K., 895

ZENG, Z. T., 957
ZIVKOVIC, D., 521
ZIVKOVIC, Z., 521

Journal of Thermal Analysis, Vol. 42 (1994) 1337-1342

Subject Index

activation energy 551
adiabatic conditions 1025
adsorption 113
AFI 855
alloys 647, 667, 745, 781
aluminophosphate 855
ammonium chromate 1265
amorphization structural mechanism 99
amorphous 667
– solids 99
anhydrous disilver malonate 1081
antimony selenide 1193
asbestos 485
Au–Pb–Bi system 745
A-zeolite 1275

barite 187
basic carbonates 1251
binary borate glasses 1221
biotite 197

calibration 919
calorimetry 331, 361
carbothermal reduction 679
catalysts 1207
catalytic activity 1103
Ce(III) complexes 1175
Ce(IV) compounds 343
cellulose–hyphan polymer 1143
cement hydration 41
ceramics 811
chalcogenide glassy system 1285
chemical transformation 973
clay minerals 67
clays 697
$ClCH_2CONH_2$ 907
combustion 1137
complexes 13, 951, 973, 981, 1175

0368–4466/94/ $ 4.00
© 1994 Akadémiai Kiadó, Budapest

John Wiley & Sons, Limited
Chichester

conduction mechanism 1193
constrained rate thermogravimetry 771
copper carbonates 1251
CRTA 551
crystal structure 443, 1103
crystallization 99, 647, 679
– kinetics 467

dehydration 1017
determination of thermotropic mesophases 1042
diagenesis for sandstones 85
Diels Alder reaction 461
dilatometry 733, 793, 991
diodes as sensors 595
DSC 85, 143, 307, 647, 667, 679, 721, 759, 781, 793, 877, 1017, 1081
DTA 143, 331, 713, 793, 913, 1017, 1081, 1231
– -TG 1275
– – -DTG 131
dual-mechanism 467

EDTA-gel precursors 823
efficiency of optical resolution 877
EGA 793
electrical conductivity 1103
electron microscopy 485
electronic ceramics 793
electrostatic contribution 869
energetic materials 505
enthalpimetric method 595
error estimation 877
eutectic phase diagram 877

ferroelectric ceramic powders 823
firing temperature 175
fluorides with HTB structure 925
fluorozirconate glasses 759
formation of sialons 697

glass ceramics 1221
– transformation 99
glasses 1221
globular proteins 383
gravimetry 855
gypsum–hemihydrate–soluble anhydrite transitions 159

heat capacity 307, 437
– of mixing 963
– treatment 667
heterocyclic polymers 437

hexamminechromium hexafluorometallates 925
high-temperature phase 1241
Hot Stage Microscopy 143

imidazole acetate compound(s) 443
indium and transition metal complexes 1143
iodate hydrates of Mg 1017
ionic amphiphiles in aqueous media 1042
IR 175, 197, 485, 913, 991, 1313
iron(III) complex of 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone 951
isotope effect 1017

Joule effect 505

kerogen 219
kinetics 159, 461, 551, 759, 811, 937, 973, 1025, 1081, 1091, 1155, 1167, 1193 1231, 1251

La(III) complexes 1175
lanthanum acetate hydrate 1091
laser-induced luminescence 187
lepidolite 197
$LiKSO_4$ crystals 1241
liquid alloys 361
– chromatography 113

magnesium smectite 131
magnetic ceramics 793
– susceptibility 343
magnetite 937
$Me_2Sn(O_2PCl_2)_2$ 1313
$Me_3SnO_2PCl_2$ 1313
metal chelates 1299
– -doped carbons 1137
metastable spinels 937
MFI 855
Mg-Al spinel 207
mica 197
microcalorimetry 505, 895
microdistillation of liquids 425
mineralogical characterization 131
mixed cationic fluorides 925
modulated DSC 307
montmorillonite 113
– -benzidine complexes 13
MS 811
mulitple scans 539
muscovite 197

$NaPO_3$–$Pr(PO_3)_3$ system 913

natural humic substances 31
new software 771
Ni–Fe–Ni sandwich material 919
nickel acetate tetrahydrate 1155
non-linear regression methods 539
nucleating agents 721

octahedral cation occupation 197
– vacancy 197
organophosphate esters 113
oxygen content 957

palygorskite 67
Pb–Bi–Mg system 521
Pd/SiO_2 catalyst 1207
PEEK 467
pentacoordinate aquacarboxylato Cu(II) complexes 973
pH dependence of thermal stability 383
$Ph_3SnO_2PCl_2$ 1313
phase diagrams 745, 991
– equilibria 991
– transitions 99
phenylureas 113
phlogopite 197
poly[2-(dimethylamino)ethyl acrylate] 1185
polyester resin 1025
polyethylene 1123
polymer complexes 1185
polymers 397, 437, 679, 721, 841, 1113, 1123
α, β poly(N-hydroxyethyl)-*DL*-aspartamide 869
pottery kiln 175
PPS 467
processing 647
PVC 1167
pyrazole acetate compound(s) 443
pyroelectric sensor 895
pyrolysis 31
– macerals 219

quartz crystals 85
quasi-isothermal quasi-isobaric thermogravimetry 425
quasi-static thermal analysis 925

rare earth element oxides 1075
re-formed calcite 175
reaction kinetic model 551
Redlich-Kister equation 963
residual deviation 539
Rock-Eval technique 31

scanning electron microscopy 841
scientific biography 607
self-propagating high-temperature synthesis reaction 713
SEM 1275
semiconductor glasses 1285
sepiolite 131
shape memory alloys 781
silicon nitride bonded silicon carbide ceramic 811
siliconates 485
Smith thermal analysis 745
sodium dodecylsulfate micelles 869
soils 1007
solid solutions 937
– state reactions 559, 1231
solidification 647, 667
specific heat 1241
– surface 41
spectroscopic investigations 383
spectrothermal investigation 1091
superconductors 733, 793, 957
surface 1103
synthetic humic substances 31

temperature calibration 781
– integral 1001
– -resolved diffraction method 559
ternary system 963
– – $PbO–P_2O_5–PbCl_2$ 991
TG 31, 159, 397, 793, 811, 937, 1017, 1081, 1207
– -DTA 485, 1091, 1175, 1313
– -DTG-DTA 443, 1075, 1299
– – – -EGA 1007
–/DTA 733
thermal amorphization 99
– analysis 197, 343, 697, 925, 951, 991, 1143
– conductivity 505, 1113, 1123, 1241
– reaction 907
– stability 759, 957
– study 1137
– vapour pressure shock explosion 67
thermobalance 919
thermochemical sulfate reduction (TSR) 241
thermodynamic parameters 143, 521, 1251
– studies 461
thermodynamics 383
thermometric titrimetry 595
thorium(IV) complexes 981
time-resolved diffraction method 559
TiO_2–silica gel system 1103

titration calorimeter 895
TP-SIP-MS 841
transcrystallinity 679
transition metal montmorillonites 13
triamterene-*D*-mannitol 143

UV/Vis 1207

water 855
– sorption 41

X-ray 131, 559, 841, 913, 991, 1081, 1207
XPS 343
XRD 1075, 1275

zeolites 855, 1275
ZSM-48 855